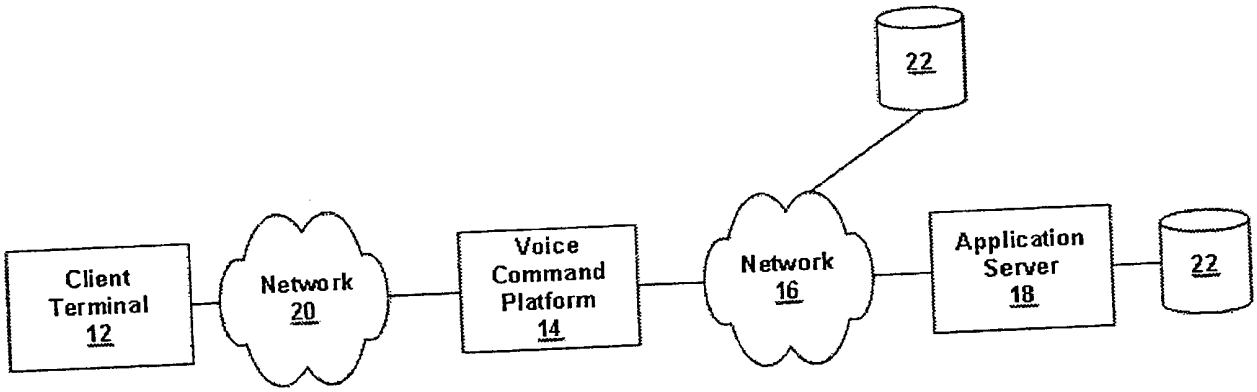
22
Client Terminal 12
Network 20
Voice Command Platform 14
Network 16
Application Server 18
22

FIG. 1

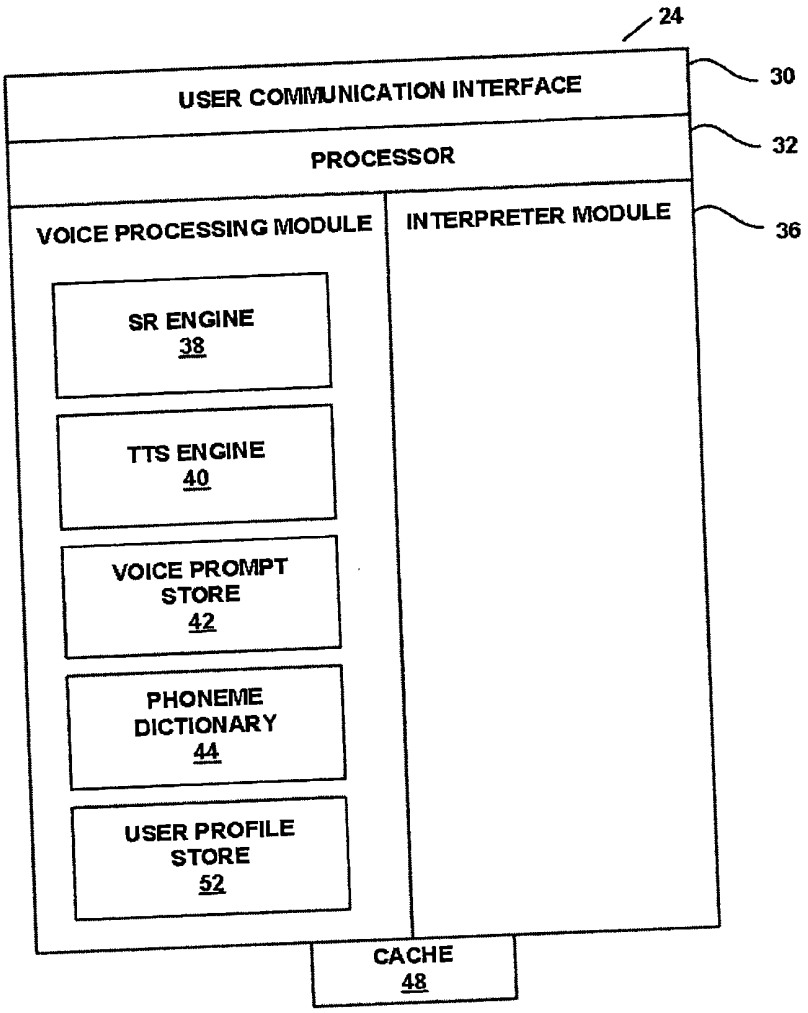
24
USER COMMUNICATION INTERFACE
30
PROCESSOR
32
VOICE PROCESSING MODULE
INTERPRETER MODULE
36
SR ENGINE
38
TTS ENGINE
40
VOICE PROMPT STORE
42
PHONEME DICTIONARY
44
USER PROFILE STORE
52
CACHE
48

FIG. 2

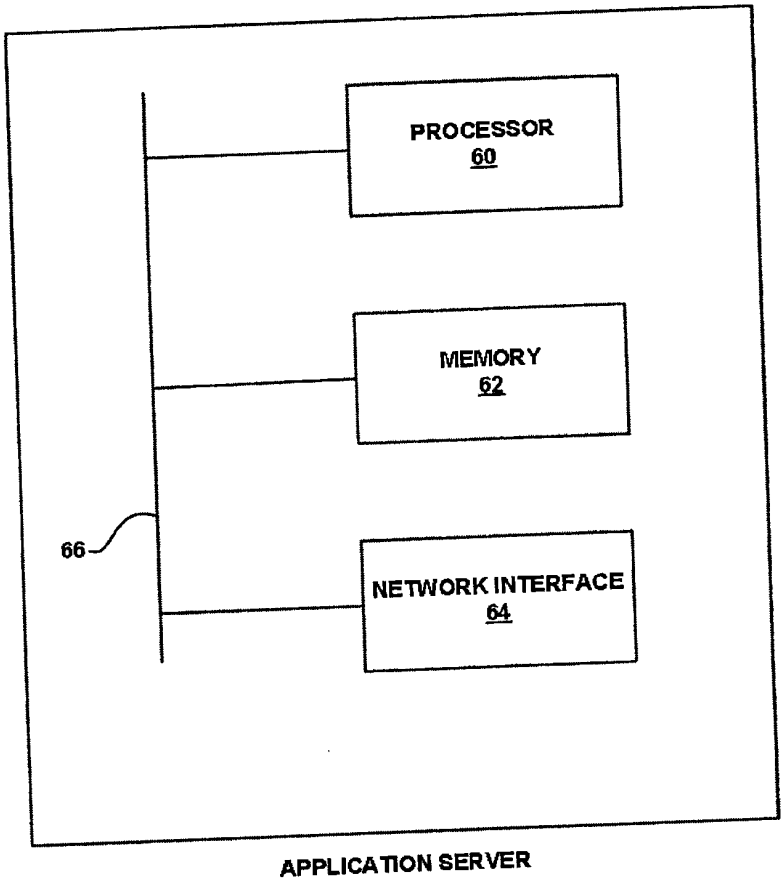
PROCESSOR
60
MEMORY
62
66
NETWORK INTERFACE
64
APPLICATION SERVER

FIG. 3

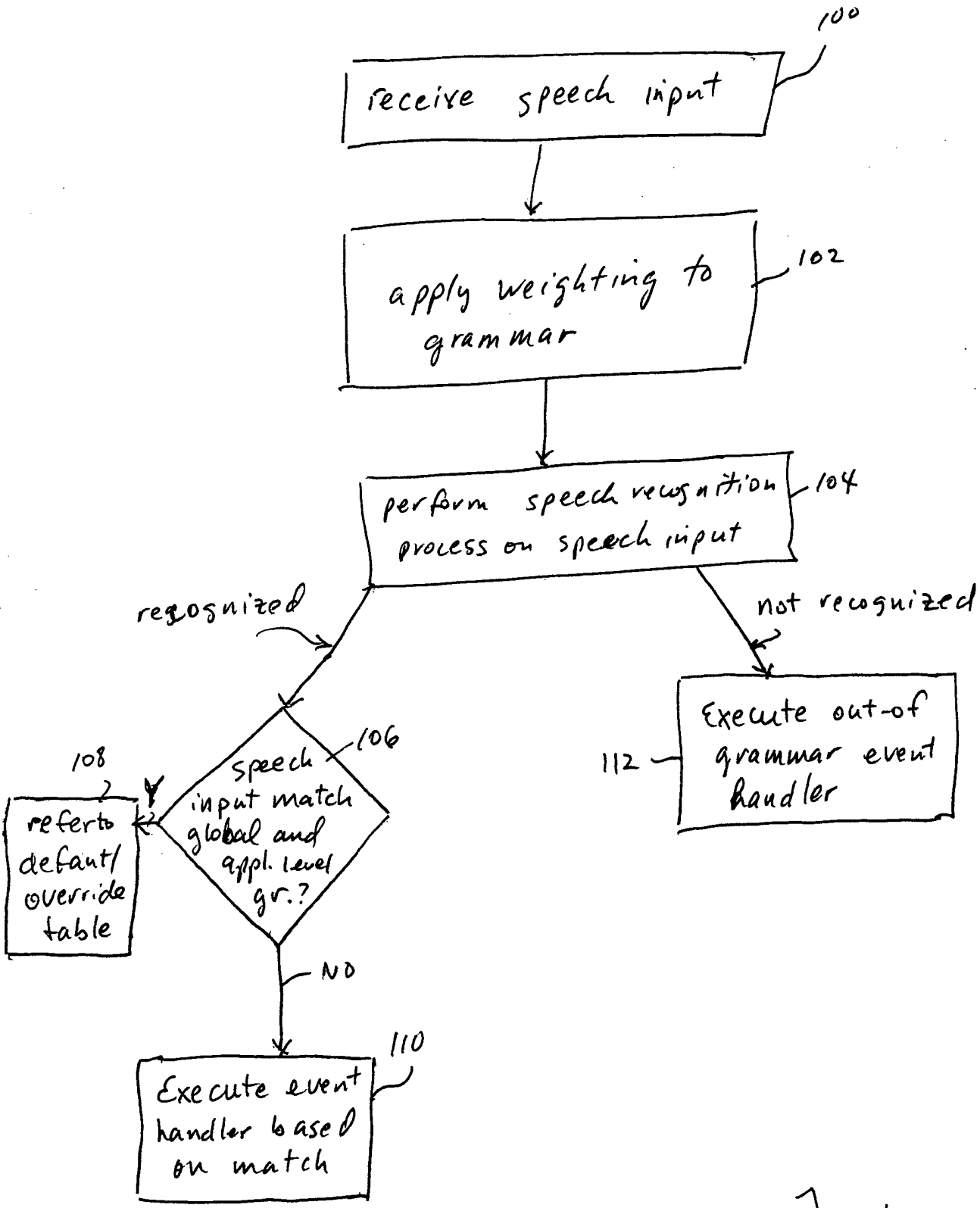
100
receive speech input
102
apply weighting to grammar
104
perform speech recognition process on speech input
recognized
not recognized
106
speech input match global and appl. level gr.?
108
refer to default/ override table
NO
110
Execute event handler based on match
112
Execute out-of grammar event handler

Fig. 4